

Abstract

The invention relates to an article, in particular an implant, comprising a substrate which is coated at least partly with at least one layer, and on which there is at least partly a protein-, peptide- and/or saccharide-containing substance, where the layer directly adjacent to the substance comprises at least one metal selected from titanium, zirconium and hafnium, or a compound thereof with one or more non-metals and/or semiconductors, or an alloy thereof with one or more other metals, and has been applied by means of a vacuum coating process. Also provided is a process for producing the article, in which the layer is applied to the substrate under vacuum, and the use of the article.

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